

Open issues for 6th AFS session – Adaptive Front Lighting Systems

Following the 5th meeting, the key points which still need resolving are as follows:

Regulation No. XXX

1. Aftermarket AFS systems
2. Annex 9 Cut-off line.
3. The document should be carefully read for editorial points and re-numbered if necessary before submission to GRE.

Regulation No. 48

1. Conditions for activation of V (town) mode (6.20.7.4.2)
Conditions for activation of E (motorway) mode (6.20.7.4.3)
Conditions for activation of W (wet road) mode (6.20.7.4.4)
Conditions for activation of T (bending) mode (6.20.7.4.5)
The conditions for activating the various modes generated plenty of discussion and provisional text is in square brackets for all these areas. Delegates are invited to prepare their positions and be ready to compromise on these issues, if necessary.
2. Tell-tale (6.20.8) There still remains the question of a tell tale for the AFS system to indicate a failure and also a separate tell-tale for the traffic change mode. How is a failure of the AFS system to be signalled to the driver.
4. How the Technical Service verifies certain requirements of AFS. (6.20.9.2). There was debate over how to demonstrate compliance with the Regulation. Can this be done by means of manufacturer in-house test reports and in which circumstances can or must the Technical Service perform tests.
5. Headlamp levelling. By a simple majority, governments voted at a previous meeting to mandate automatic headlamp levelling for AFS. However 6.20.6.1.3 seems to be incorrect and should simply copy 6.2.6.2.1. ("In the case where headlamp levelling is necessary to satisfy the requirements of paragraphs 6.20.6.1.1 and 6.20.6.1.2, the device shall be automatic).
6. Headlamp cleaning has not been considered. (6.20.9.1). The text may need revision.